Agricultural Systems **44** (1994) 481–482

CONTENTS OF VOLUME 44

Number 1

1 The Response of Low-Input Agricultural Systems to Environmental Variability. A Theoretical Approach
E. F. VIGLIZZO (Argentina)

19 Uncertainty in Pest Control Thresholds; Application to Chemical Control of Corn Earworm on Soybean
Y. YU, H. J. GOLD, G. G. WILKERSON & R. E. STINNER (USA)

35 A Model of Bean (*Phaseolus vulgaris* L.) Growth Types I-III: Factors Affecting Yield
A. P. GUTÍERREZ (USA), E. J. MARIOT (Brazil), J. R. CURE (USA), C. S. WAGNER RIDDLE (Brazil), C. K. ELLIS (USA) & A. M. VILLACORTA (Brazil)

65 Economic Value of Response from Sire Selection in Dairy Cattle - A Linear Programming Model
B. L. HARRIS & A. E. FREEMAN (USA)

91 Correlations between Measured Performance and Lifetime Income in Simulated Dairy Herds
W. R. CONGLETON, JR & M. P. COLCA (USA)

105 A Multicriteria Model for Irrigated Agricultural Planning under Economic and Technical Risk
J. S. MILLAN & J. BERBEL (Spain)

119 Book Reviews

Number 2

125 Implementing a Decision and Expert System Model for Individual Nutrient Selection
R. P. FYNN, W. L. BAUERLE & W. L. ROLLER (USA)

143 Central American Animal Agriculture in Relation to Natural Resources
J. R. SIMPSON & J. CONRAD (USA)

163 A Systems View on Horticultural Distribution Applied to the Postharvest Chain of Cut Flowers
A. HOOGERWERF, A. E. SIMONS & M. P. REINDERS (The Netherlands)

181 Goals and Management Styles of New Zealand Farmers
J. R. FAIRWEATHER (New Zealand) & N. C. KEATING (Canada)

201 The Contribution of Rapid Rural Appraisals in the Planning of On-Farm Research and Extension Activities
M. VAN NIEUWKOOP (Mexico), T. DEFOER & S. S. HUSSAIN (Pakistan)

Agricultural Systems (**44**) (1994)—© 1994 Elsevier Science Limited, England. Printed in Great Britain

217 Users' Attitudes and Roles in the Development and Evaluation of Knowledge Based Decision Support Systems for Agricultural Advisers
Z. HOCHMAN, C. J. PEARSON & R. W. LITCHFIELD (Australia)

237 Book Reviews

Number 3

243 Land Use System Evaluation: Concepts and Methodology
T. J. STOMPH, L. O. FRESCO & H. VAN KEULEN (The Netherlands)

257 OZCOT: A Simulation Model for Cotton Crop Management
A. B. HEARN (Australia)

301 Impact of Diversification on Household Income and Risk: A Whole-Farm Modelling Approach
M. J. BHENDE & J. V. VENKATARAM (India)

313 A Bioeconomic Model for Weed Management in Corn and Soybean
S. M. SWINTON & R. P. KING (USA)

337 Application of a Crop Growth Model (SUCROS-87) to Assess the Effect of Moisture Stress on Yield Potential of Durum Wheat in Ethiopia
B. SIMANE (Syria), H. VAN KEULEN, W. STOL & P. C. STRUIK (The Netherlands)

355 Book Reviews

Number 4

363 Theory and Practice in Project Evaluation: Colonization in Brazil
D. G. FRANCIS (USA), J. C. E. ARAÚJO & N. A. I. ALCÂNTARA (Brazil)

377 The Effects of Use of Average Instead of Daily Weather Data in Crop Growth Simulation Models
S. NONHEBEL (The Netherlands)

397 Simulated Evaluation of Grazing Management Systems for Arid Chenopod Rangelands in Western Australia
R. B. HACKER & G. S. RICHMOND (Australia)

419 Uncertainty Analysis Applied to Supervised Control of Aphids and Brown Rust in Winter Wheat. 1. Quantification of Uncertainty in Cost-Benefit Calculations
W. A. H. ROSSING, R. A. DAAMEN & M. J. W. JANSEN (The Netherlands)

449 Uncertainty Analysis Applied to Supervised Control of Aphids and Brown Rust in Winter Wheat. 2. Relative Importance of Different Components of Uncertainty
W. A. H. ROSSING, R. A. DAAMEN & M. J. W. JANSEN (The Netherlands)

461 Deterministic Versus Stochastic Evaluation of the Aggregate Economic Effects of Price Support Programs
C. ROBERT TAYLOR (USA)

475 Book Reviews